Electronic Acknowledgement Receipt				
EFS ID:	2474772			
Application Number:	09827278			
International Application Number:				
Confirmation Number:	6618			
Title of Invention:	Spin valve sensor with an antiferromagnetic layer between two pinned layers			
First Named Inventor/Applicant Name:	Robert S. Beach			
Customer Number:	33224			
Filer:	Jeffrey P. Aiello/Darci Manuleleua			
Filer Authorized By:	Jeffrey P. Aiello			
Attorney Docket Number:	SJO919990038US2			
Receipt Date:	15-NOV-2007			
Filing Date:	04-APR-2001			
Time Stamp:	17:55:46			
Application Type:	Utility under 35 USC 111(a)			

# Payment information:

Submitted with Payment	no
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# File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1		SJO919990038US2_Amend ment.pdf	2683939	yes	17
			28f31bedc4da87b4bbf930c03264fc8ba b4b85d4		

	Multipart Description/PDF files in .zip description				
	Document Description	Start	End		
	Amendment - After Non-Final Rejection	1	1		
	Specification	2	3		
	Claims	4	7		
	Applicant Arguments/Remarks Made in an Amendment	8	11		
	Drawings-only black and white line drawings	12	17		
rnings:	•				

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#### Information:

Total Files Size (in bytes): 2683939

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# New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

# National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.